

Fiber optic single-mode lc pigtail



Article Overview

A fiber optic single-mode LC pigtail is a short length of single-mode fiber with an LC connector on one end, designed for splicing to a trunk cable to provide a reliable, low-loss connection.

Overview

A fiber optic pigtail is a short fiber cable with a factory-installed connector on one end and an unterminated end for splicing. The LC connector is a small form-factor connector ideal for high-density installations in data centers, LANs, and telecom networks. Single-mode pigtails typically use OS1 or OS2 fiber with a 9/125 μ m core, suitable for long-distance, high-bandwidth applications.

Applications

Single-mode LC pigtails are commonly used for:

- Fusion or mechanical splicing to trunk cables in patch panels or distribution frames.
- FTTH (Fiber to the Home), LAN, and telecom networks.
- High-density network environments where space-saving connectors are required.

Key Features

- Low insertion loss and high return loss, ensuring minimal signal degradation.
- Durable and precise optical alignment for long-term reliability.
- Bend-insensitive options are available, reducing attenuation when the fiber is ben...

Article Content

Sep 27, 2025

TRUE CABLE Simplex LC/APC OS2 Singlemode Fiber Optic Pigtail

TRUE CABLE Simplex LC/APC OS2 Singlemode Fiber Optic Pigtail, 9/125 900um Tight Buffer, 0.9mm LSZH Jacket for Fusion

Dec 19, 2025

SINGLEMODE FIBER PIGTAIL

SINGLEMODE FIBER PIGTAIL Schnell single mode fiber pigtails offer high-performance, low-loss

Mar 02, 2026

Fiber Optic Pigtail | Precise Termination for Fiber Networks

Fiber optic pigtail for precise, low-loss terminations in fiber networks. Available in SC, LC, ST, and more for singlemode and

Nov 03, 2025

Single-Mode Pigtails – FiberOptics

Explore a wide range of single-mode fiber optic pigtails for various applications, offering precision and

Jun 22, 2026

Fiber Optic Pigtails, SC, FC, ST, and LC Fiber Connectors

The Fiber Optic Pigtail is normally a tight buffered fiber cable with a connector pre-terminated on one end

Sep 03, 2025

6536880 | CommScope

6536880 Base Product Available in: Asia Australia/New Zealand China Europe India Latin America Middle East/Africa Fiber Optic

Oct 12, 2025

SINGLEMODE FIBER PIGTAIL

Schnell single mode fiber pigtails offer high-performance, low-loss terminations for splicing in FTTH, LAN,

Aug 31, 2025

Fiber Pigtailes | Leviton Network Solutions

Fiber Optic Pigtailes Leviton fiber optic pigtail kits are a good solution for mechanical or fusion splicing

Dec 21, 2025

LC Singlemode Fibre Pigtailes | Fibre Pigtailes

Fibre optic pigtailes are typically used to link the fibre optic cable with fibre optic equipment. The connector side of the pigtail is used to

Jul 03, 2026

LC/UPC Singlemode 9/125µm OS2 PVC 0.9mm Simplex Fiber Optic Pigtail

LC Singlemode 9/125µm OS2 Simplex Fiber Optic Pigtail (Customized Length, UPC Polish, 0.9mm, PVC/OFNR, Yellow) Optcore

Aug 08, 2025

Fiber Optic Pigtailes | SC, LC, ST Single Mode & Multimode

High-quality fiber optic pigtailes for terminating and splicing in any network

Apr 12, 2026

LC UPC Fibre Pigtail Single Mode PVC (OFNR) 1m

FS offers 1m LC UPC simplex single mode fibre optic pigtail PVC (OFNR) with tight buffer design for easy

Jul 25, 2025

LC Fiber Optic Pigtail SM 900um Tight Buffer Cable

sell LC Fiber Optic Pigtail Single Mode, 900um Tight Buffer Fiber Cable in yellow/white color, 1 or 1.5 meters long, lower insertion

Nov 17, 2025

Single Mode and Multimode SC LC Fiber Optic Pigtailes

These fiber optic pigtailes keep the light that bounces back low, around 40 dB. You can use them where it is

Jan 22, 2026

1.5m LC Fiber Pigtail, 6 Color-Coded SingleMode 9/125

1.5m LC Fiber Pigtail, 6 Color-Coded SingleMode 9/125 LC-UPC Fiber Optic Patch Cord with Ceramic

Sep 17, 2025

12 Fiber Pigtail, Singlemode, Blue Boot LC/UPC, 3m

Product Description Manufactured with Corning fiber, this 900um pigtail features singlemode 12 Ultra

Jul 28, 2025

Simplex LC APC Fiber Pigtail With SM Cable - Topfiberbox

This LC fiber optic pigtail is a single mode cable with high-grade SC APC fiber optic connector on one end, another end

Jan 26, 2026

UPPLC-S03 | Economy Fiber Pigtails | Leviton Network Solutions

Economy Fiber Pigtail, Single-Mode UPC polish OS2, LC, 3 meters UPPLC-S03 Leviton single-mode and multimode Economy

Nov 04, 2025

LC/SC/FC/ST/LSH Single Mode Fibre Optic Pigtail

Buy customised LC/SC/FC/ST/LSH single mode fibre optic pigtail from fibre pigtail supplier - FS .

Jul 28, 2025

LC Single Mode Fiber Optic Pigtail OS2 1m

LC OS2 pigtail is mainly used to connect the optical fiber cable and the optical fiber transceiver (with coupler, connectors, etc.). It

Jan 27, 2026

Optic Fiber Pigtails

Optic Fiber Pigtails D-Link offers quality optical fiber pigtails which are single ended with connectors. D

Mar 16, 2026

Basic Fiber Optic Pigtail Kit, LSZH, 900 µm | Corning

Pigtails are used for non-permanent connections in patch panels, transmission equipment etc. Factory

Nov 24, 2025

Singlemode Simplex Pigtails

Singlemode Simplex Pigtails Our Singlemode Simplex Pigtails are the ideal solution for fast, reliable data transfer in fiber optic

Dec 01, 2025

Customized Simplex OS2 Single Mode Fiber Optic Pigtail

The pigtail's single-mode fiber design ensures minimal signal attenuation and distortion, making it ideal for high-precision

Jun 01, 2026

Fiber Pigtails | Leviton Network Solutions

Leviton fiber optic pigtail kits are a good solution for mechanical or fusion splicing applications. Available in

Jan 26, 2026

Fiber Optic Pigtails | Available in LC/ST/SC - Primus Cable

Fiber optic pigtails are tight buffered fiber cables with a pre-terminated connector on one end and exposed fiber on the other. Our

May 28, 2026

Fiber Optic Pigtail Cable LC Pigtail, Singlemode

Fiber Optic Pigtail Cable, Length: 3 m, Fiber Category: Singlemode, Adapter Type: LC Pigtail, Connector

Oct 15, 2025

Single-Mode Pigtails - FiberOptics

We carry Fiber Optic fusion splicers, cleavers, OTDRs, cables, panels, laser sources, power meters, and

Dec 10, 2025

Fiber Pigtails

CommScope engineers and manufactures a complete line of high quality fiber pigtails

Dec 14, 2025

Single Mode Fiber Pigtails | FC, LC, SC & ST | Amerifiber

Singlemode fiber pigtails are designed to act as the optical last mile between connected devices and OFC terminations. By bundling

Contact Us

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